

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD011723AR\
 Data File : FD044823.D
 Signal(s) : FID2B.ch
 Acq On : 17 Jan 2023 08:28
 Operator : YP/AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM AROMATIC HC STD

Integration File: autoint1.e
 Quant Time: Jan 17 11:15:43 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 122422.M
 Quant Title : GC Extractables
 QLast Update : Sun Dec 25 17:15:10 2022
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18µm

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
4) S 2-Bromonaphthalene (S...	7.659	3053310	21.174 ug/ml
Spiked Amount 50.000		Recovery =	42.35%
6) S 2-Fluorobiphenyl (SURR)	8.516	2032205	20.935 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	41.87%
11) S ortho-Terphenyl (SURR)	11.543	3831940	21.269 ug/ml
Spiked Amount 50.000		Recovery =	42.54%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.482	3468821	21.559 ug/ml
2) T Naphthalene (C11.7)	6.009	3579073	21.324 ug/ml
3) T 2-Methylnaphthalene (...)	7.053	3569101	21.227 ug/ml
5) T Acenaphthylene (C15.06)	8.321	3241258	21.370 ug/ml
7) T Acenaphthene (C15.5)	8.615	3422937	21.115 ug/ml
8) T Flouorene (C16.55)	9.390	3349628	21.017 ug/ml
9) T Phenanthrene (C19.36)	10.778	3309127	21.086 ug/ml
10) T Anthracene (C19.43)	10.851	3149777	25.048 ug/ml
12) T Fluoranthene (C21.85)	12.579	3331375	21.214 ug/ml
13) T Pyrene (C20.8)	12.874	3269385	21.357 ug/ml
14) T Benzo[a]anthracene (C...	14.735	3051944	21.464 ug/ml
15) T Chrysene (C27.41)	14.777	3189641	21.034 ug/ml
16) T benzo[b]fluoranthene ...	16.276	3014225	20.042 ug/ml
17) T Bnezo[k]fluoranthene ...	16.308	3047696	20.116 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.650	2857383	19.695 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.005	2364432	16.720 ug/ml
20) T Dibenz[a,h]anthracene...	18.046	2515895	17.163 ug/ml
21) T Benzo[g,h,i]perylene ...	18.257	2537055	17.859 ug/ml

(f)=RT Delta > 1/2 Window

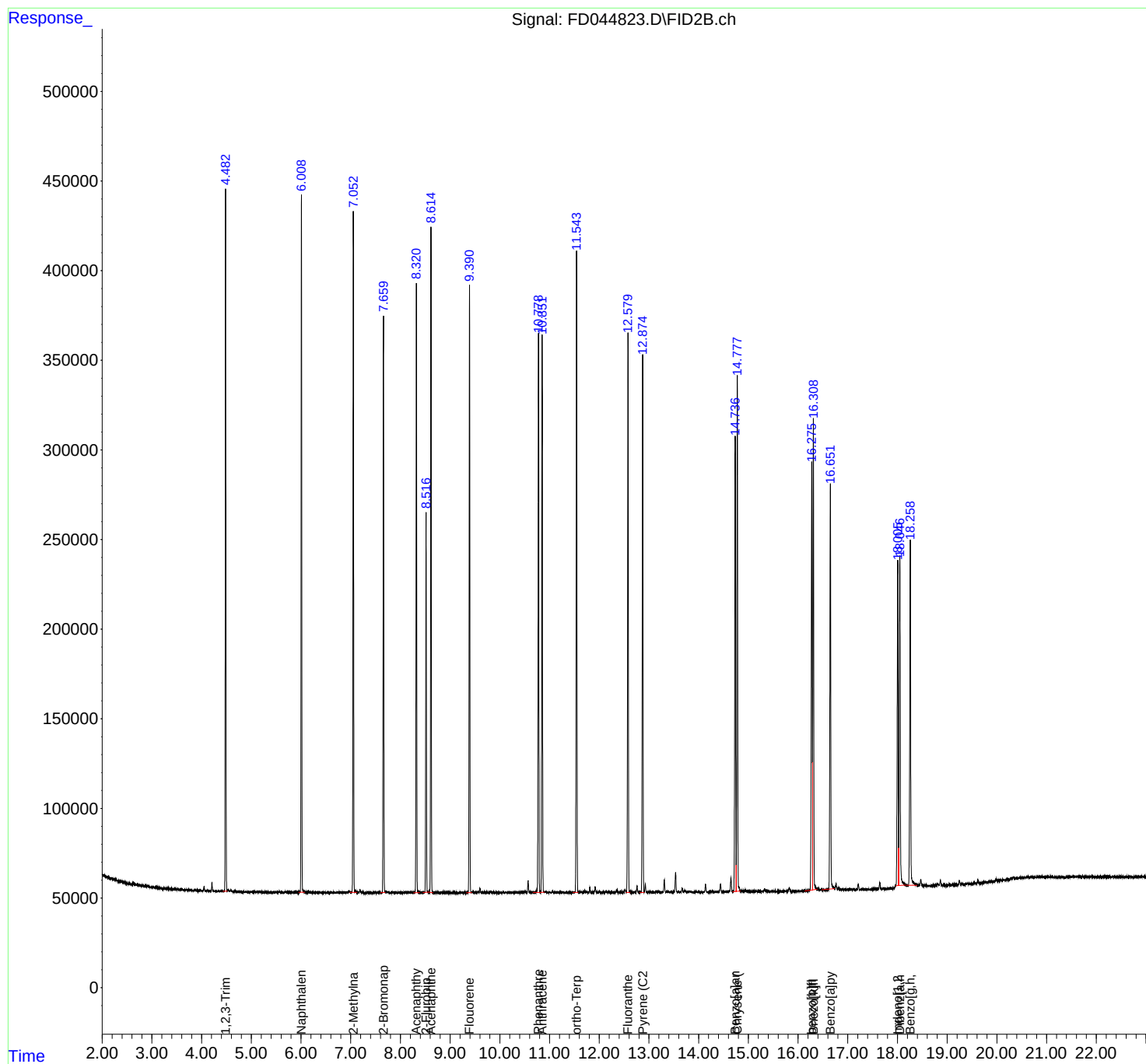
(m)=manual int.

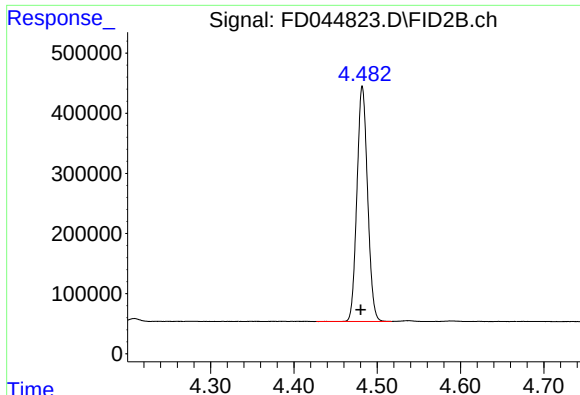
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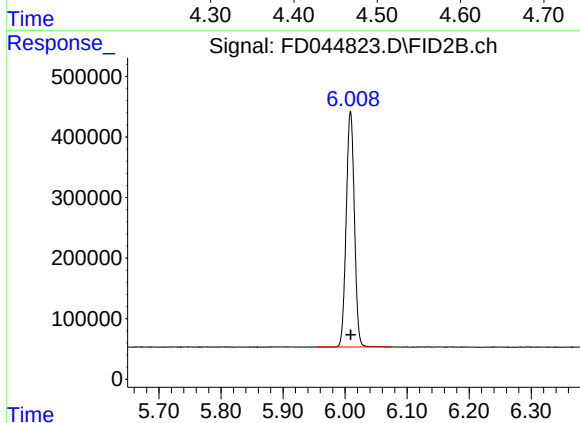




#1 1,2,3-Trimethylbenzene (C10.1)

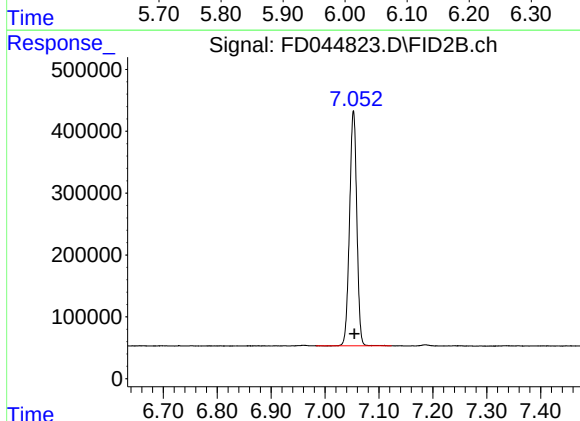
R.T.: 4.482 min
Delta R.T.: 0.002 min
Response: 3468821
Conc: 21.56 ug/ml

Instrument :
FID_D
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20 PPM AROMATIC HC STD



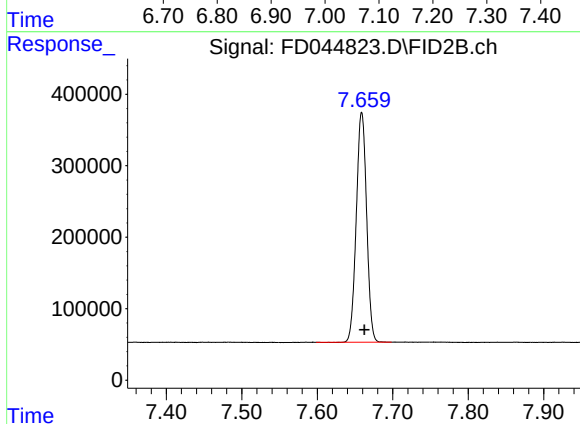
#2 Naphthalene (C11.7)

R.T.: 6.009 min
Delta R.T.: 0.000 min
Response: 3579073
Conc: 21.32 ug/ml



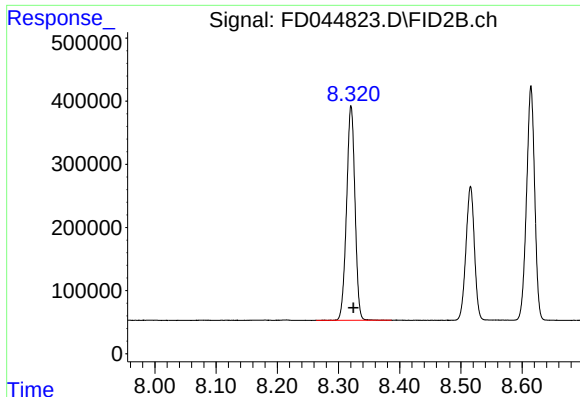
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.053 min
Delta R.T.: -0.002 min
Response: 3569101
Conc: 21.23 ug/ml



#4 2-Bromonaphthalene (SURR)

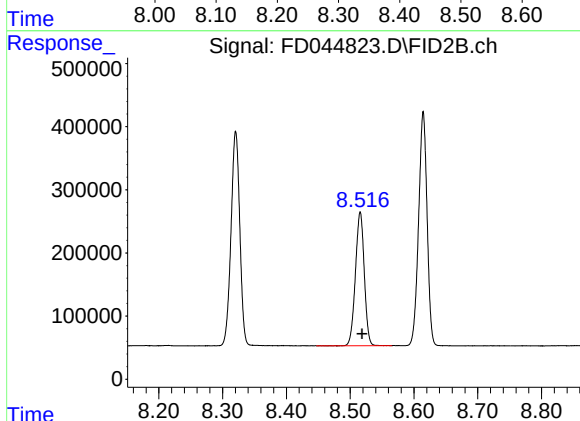
R.T.: 7.659 min
Delta R.T.: -0.003 min
Response: 3053310
Conc: 21.17 ug/ml



#5 Acenaphthylene (C15.06)

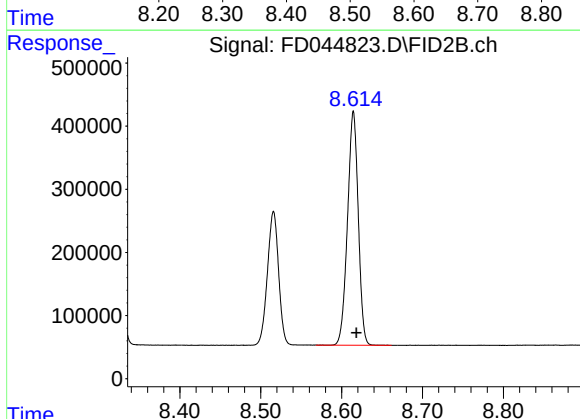
R.T.: 8.321 min
Delta R.T.: -0.004 min
Response: 3241258
Conc: 21.37 ug/ml

Instrument :
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20 PPM AROMATIC HC STD



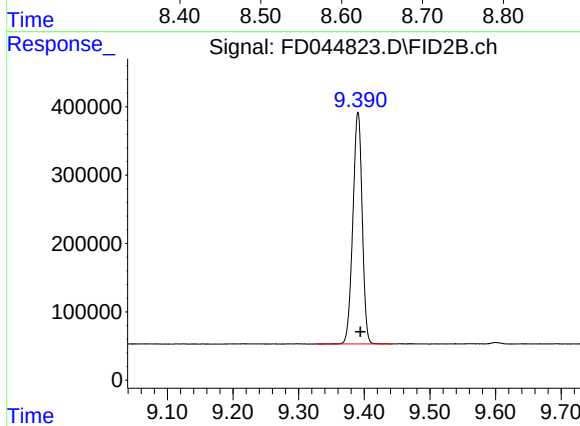
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.516 min
Delta R.T.: -0.003 min
Response: 2032205
Conc: 20.94 ug/ml



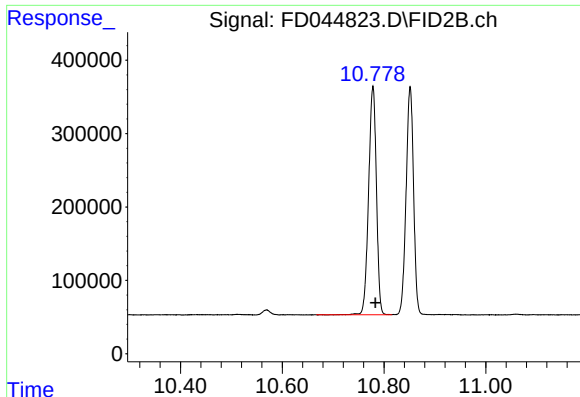
#7 Acenaphthene (C15.5)

R.T.: 8.615 min
Delta R.T.: -0.004 min
Response: 3422937
Conc: 21.11 ug/ml



#8 Flouorene (C16.55)

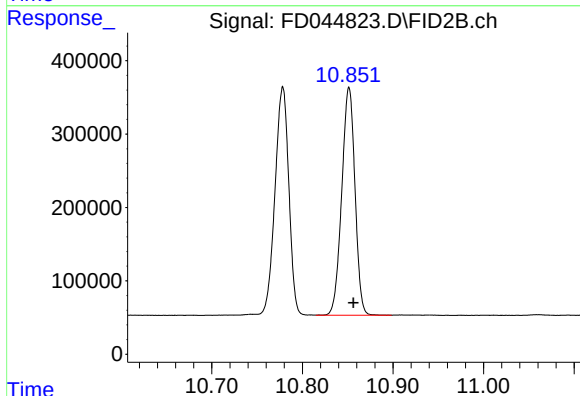
R.T.: 9.390 min
Delta R.T.: -0.004 min
Response: 3349628
Conc: 21.02 ug/ml



#9 Phenanthrene (C19.36)

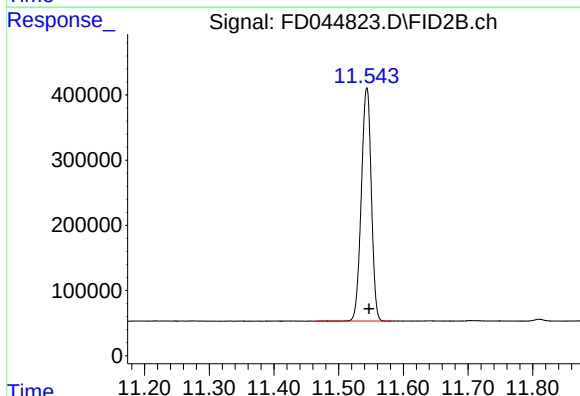
R.T.: 10.778 min
Delta R.T.: -0.005 min
Response: 3309127
Conc: 21.09 ug/ml

Instrument :
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20 PPM AROMATIC HC STD



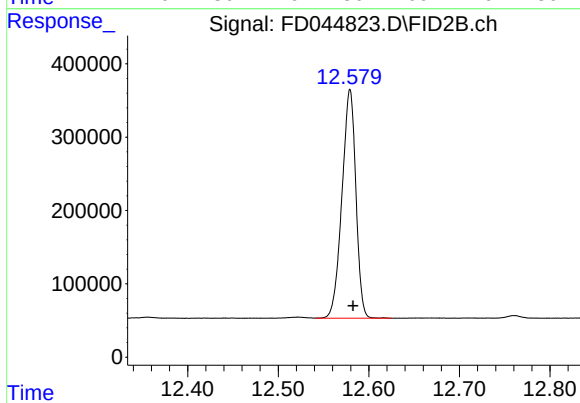
#10 Anthracene (C19.43)

R.T.: 10.851 min
Delta R.T.: -0.005 min
Response: 3149777
Conc: 25.05 ug/ml



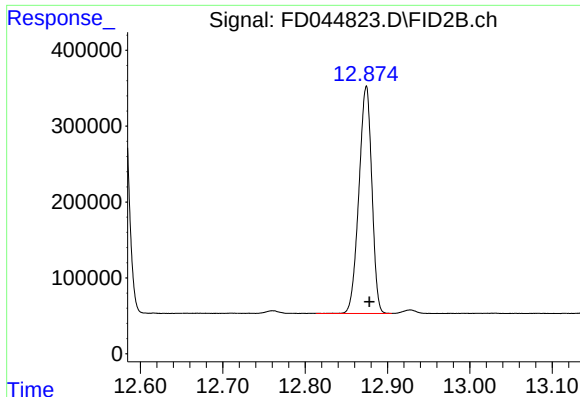
#11 ortho-Terphenyl (SURR)

R.T.: 11.543 min
Delta R.T.: -0.004 min
Response: 3831940
Conc: 21.27 ug/ml



#12 Fluoranthene (C21.85)

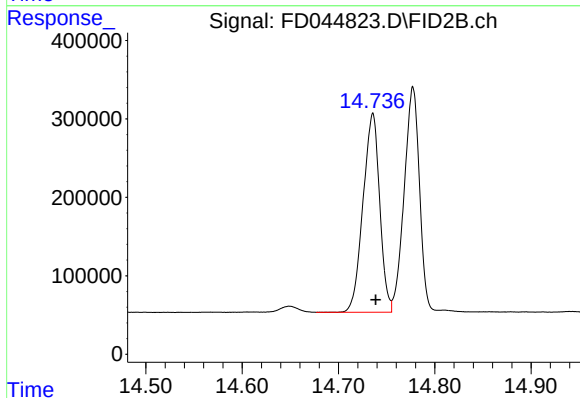
R.T.: 12.579 min
Delta R.T.: -0.004 min
Response: 3331375
Conc: 21.21 ug/ml



#13 Pyrene (C20.8)

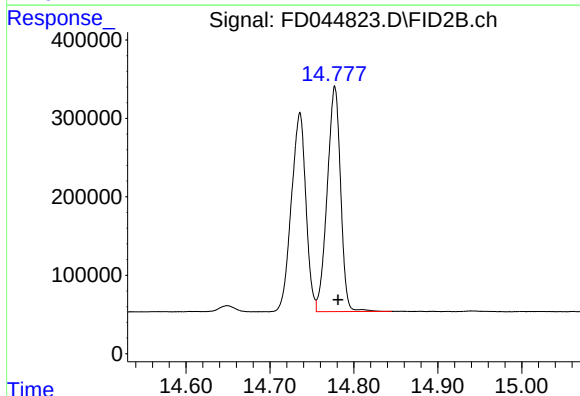
R.T.: 12.874 min
Delta R.T.: -0.004 min
Response: 3269385
Conc: 21.36 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD



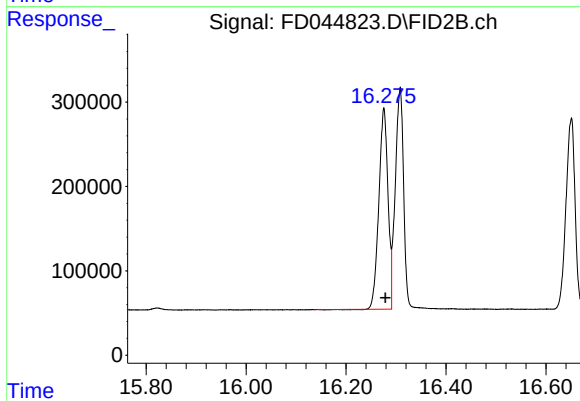
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.735 min
Delta R.T.: -0.003 min
Response: 3051944
Conc: 21.46 ug/ml



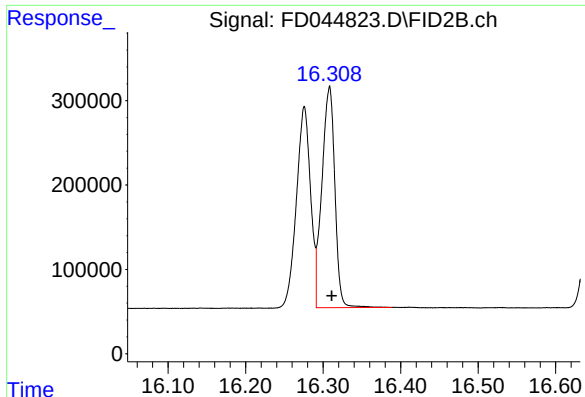
#15 Chrysene (C27.41)

R.T.: 14.777 min
Delta R.T.: -0.004 min
Response: 3189641
Conc: 21.03 ug/ml



#16 benzo[b]fluoranthene (C30.41)

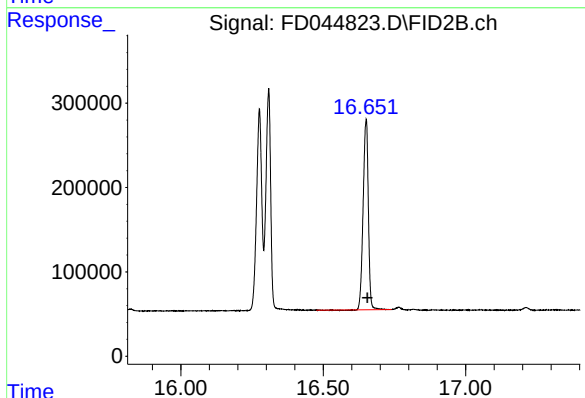
R.T.: 16.276 min
Delta R.T.: -0.003 min
Response: 3014225
Conc: 20.04 ug/ml



#17 Bnezo[k]fluoranthene (C30.14)

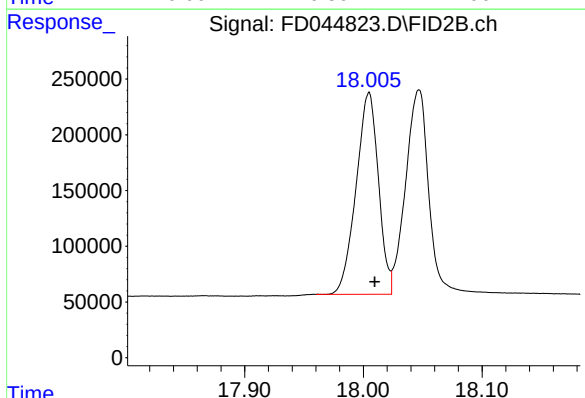
R.T.: 16.308 min
Delta R.T.: -0.003 min
Response: 3047696
Conc: 20.12 ug/ml

Instrument :
FID_D
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20 PPM AROMATIC HC STD



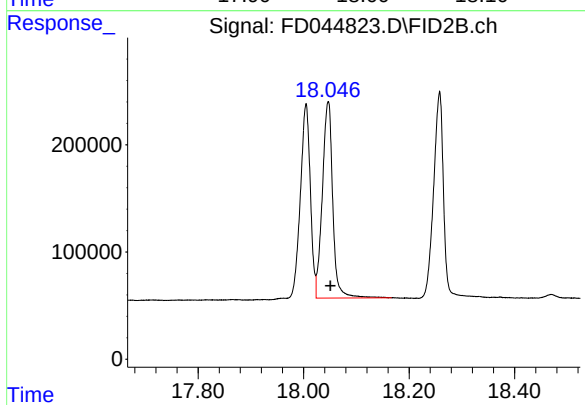
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.650 min
Delta R.T.: -0.005 min
Response: 2857383
Conc: 19.69 ug/ml



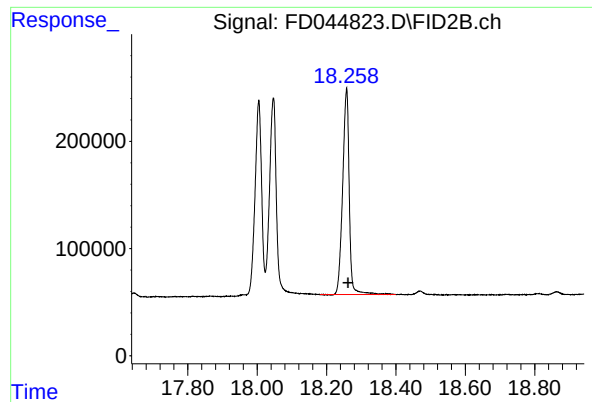
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.005 min
Delta R.T.: -0.005 min
Response: 2364432
Conc: 16.72 ug/ml



#20 Dibenz[a,h]anthracene (C30.36)

R.T.: 18.046 min
Delta R.T.: -0.005 min
Response: 2515895
Conc: 17.16 ug/ml



#21 Benzo[g,h,i]perylene (C34.01)

R.T.: 18.257 min
Delta R.T.: -0.005 min
Response: 2537055
Conc: 17.86 ug/ml

Instrument :

FID_D

ClientSampleId :

20 PPM AROMATIC HC STD